CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER IS0/IEC 17025

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Date: 29-06-2022

To,

ASSISTANT EXECUTIVE ENGINEER
PROJECT (WB) DIVISION
BBMP
BANGALORE.

Dear Sir,

Sub: M/s. Civil Pro Services for the work of **"PROVIDING OF LADIES TOILET IN GOVT SCHOOL IN DODDABOMMASANDRA IN WARD NO 38."**

Ref: 1. Work Order No: EE/Project(P)/ab Zone/WO/17/2020-21

2. Job code: 010-21-000091

We are herewith forwarding to Sri. M C Ashwath, #2/427, 8th Main, 13th Cross, Agrahara Dasarahalli, Rameshwaramagara, Bangalore-79. First and Final bill duly verified and certified that the Work is satisfactory and for a Gross Value of Rs.9,08,101.83/- (Rs. Nine Lakhs Eight Thousand One Hundred One and Eighty Five Paisa Only).

Thanking you,

Yours faithfully,

For Civil Pro

R KARTHIK RECHAN

Scanned by TapScanner

CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER WORKS PROGRAM

CERTIFICATE

FOR WORK : Providing of Ladies Toilet in Girls School in Doddakammanahalli in Ward No.93

Sl. No.	Name Of Work	Name of Test	Frequency of Test/Quantity	Sample Quantity	Number of Tests Required	Number of Tests Conducted
		Materials				
1	Cement	Fineness by dry sieving	One Test			
		Fineness by Air permeability method	One Test			
		Density	One Test			
		Standard Consistency	One Test			
		Initial Setting time	One Test			
		Final Setting time	One Test			
		Soundness by Le Chatelier's Method	One Test			
		Compressive Strength	One Test			
		Sand Analysis	One Test			
2	Coarse aggregate (6 mm down)	Fineness Modulus	One Test			
		Elongation Index	One Test			
		Specific Gravity	One Test			
		Bulk Density Loose	One Test			
		Bulk Density Compacted	One Test			
		Water Absorption	One Test			
		Sieve Analysis	One Test			
3	Coarse aggregate (6 mm down)	Flakiness Index	One Test			
		Elongation Index	One Test			
		Specific Gravity	One Test			
		Bulk Density Loose	One Test			
		Bulk Density Compacted	One Test			
		Water Absorption	One Test			
		Aggregate crushing Value	One Test			
		Aggregate Impact Value	One Test			
4	Fine aggregate	Sieve Analysis	One Test			
		Water Absorption	One Test			
		Specific Gravity	One Test			
		Material finer than 75 micron	One Test			
		Bulking	One Test			
5	Sand	Fineness Mod	One Test			
		Density Loose	One Test			
		Density Compacted	One Test			
		Voids	One Test			
6	Blocks/AAC Blocks/CSEB	Water absorption	One Test			
		Dimensions	One Test			
		Compressive strength	One Test			
7	Bricks/AAC Blocks/CSEB	Water absorption	One Test			
		Dimensions	One Test			
		Compressive strength	One Test			

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Scanned by TapScanner

8	Brick	Compressive Strength	One Test		1	1
		WATER ABSORPTION	One Test		1	1
		EFFLORESCENCE	One Test		1	1
		DIMENSIONS AND TOLERANCES	One Test		1	1
9	RCC(M25)	Compressive Strength(7days and 28days)	3 Set	-	6	6
10	RCC(M20)	Compressive Strength(7days and 28days)	2 Set	-	4	4
11	CERAMIC TILES	MEASUREMENTS OF LENGTH, WIDTH AND THICKNESS	One Test		1	1
		MODULUS OF RUPTURE AND BREAKING STRENGTH	One Test		1	1
12	Mortar Sand	Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
		Compacted Bulk Density	One Test		1	1
		Loose Bulk Density	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1
13	Plaster Sand	Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Scanned by TapScanner

CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No. TC-0646

Format No: CPTL01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	CP-2022-10-13-06 Date: 14-04-22
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore
Address	:	Project Sub Division, BBMP, Bangalore
Project Name	:	Providing of Ladies Toilet in Govt School in Doddabiremasandra in Ward No 16
Agency	:	Sri. M C Adarsh, #2437, 8th Main, 17th Cross, Agrahara Dasarahalli, Rajeshwarinagara, Bangalore-79
Customer's Reference	:	EE/Project/YY+k Zone/WO/137/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-04-22
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 :2013, 53 Grade Ordinary Portland cement Specification. IS 4031 (Part 1,2 3 4,5, 6 11) 1988 IS 4031 Part 1 (RA 2021) DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4 IS 403 1 (Part 2 (RA 2018) Determination of Fineness by Blaine Air Permeability Method, Clause 5 IS 4031 Part 3 (RA 2019) Determination of Soundness, Clause 5, Clause 6 IS 4031 Part 4, (RA 2019) Determination of Consistency of Standard Cement Paste Clause 5 IS 4031 Part 5, (RA 2019) Determination of Initial & Final Setting Time, Clause 5 IS 4031 Part 11, (RA 2019)DETERMINATION OF DENSITY , Clause 6
Date of test	:	12-04-22
Environmental Conditions during test	:	Temperature 26°C Humidity 72%

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	Fineness by dry sieving (%)	1.95	-
2	Fineness by Air permeability method (m^2/kg.Min)	285.3	225m^2/kg. Min
3	Density (gm/cc)	3.14	-
4	Standard Consistency (%)	29.5%	Not specified
5	Initial Setting time	150 minutes	Not less than 30 minutes
6	Final Setting time	245 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	1.5mm	Not more than 10 mm

* The results obtained are satisfactory as per standard requirements

Note:

The results pertain to the samples received and tested

All information furnished by Customer Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

FOR CIVIL Pro.

R RUDRAPRASAD
Authorised Signatory
Technical Manager

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by TapScanner

CIVIL PRO

No.			
1			
2			
3			

Scanned by TapScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2022-10-13-08** **Date: 14-04-22**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Providing of Ladies Toilet in Govt School in Doddabommasandra in Ward No.10
Agency	:	Sri. M C Adarsh, #2/427, 8th Main, 17th Cross, Agrahara Dasarahalli, Basaveshwaranagara, Bangalore-79
Customer's Reference	:	EE(Project)/Ynk Zone/WO/137/2020-21
Source of Sample	:	Sample supplied by Agency
Sample condition	:	Satisfactory
Date of Receipt	:	11-04-22
Sample Type	:	40mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2021 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	11-04-22

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken : 15000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	211	211	1.4	98.6	90-100
3	20 mm	7355	7566	50.4	49.6	30-70
4	10 mm	4219	11785	78.6	21.4	10-35
5	4.75 mm	2855	14640	97.6	2.4	0-5
6	Pan	360	15000	100.0	0	---

CIVIL Pro Sig Date BANGALORE

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Scanned by TapScanner

CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No: TC-4548

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2022-10-13-08 Date: 14-04-22

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	12.2	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	11.6	
3	Specific Gravity	2.69	-
4	Bulk Density(Loose) (Kg/l)	1.54	-
5	Bulk Density(Compacted) (Kg/l)	1.58	-
6	Water Absorption(%)	0.24	-

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

FOR CIVIL Pro.

R RUDRAPRASAD
Authorized Signatory
Technical Manager

Scanned by TapScanner

CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-6548

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Date: 13-04-22

Lab ID	:	CP-2022-10-13-08
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Providing of Ladies Toilet in Govt School in Doddabommasandra in Ward No.10
Agency	:	Sri. M C Adarsh, #2/427, 8th Main, 17th Cross, Agrahara Dasarahalli, Basaveshwaranagara, Bangalore-79
Customer Reference	:	EE(Project)/Ynk Zone/WO/137/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	11-04-22
Sample Type/ Size	:	20mm down size course aggregate
Reference to BIS codes	:	IS: 383-2016 (Specification for Course and fine Aggregates) IS: 2386 :1963(Part - I,3,4) RA2021 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	11-04-22

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken : 5000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	248	248	5.0	95.0	90-100
3	10 mm	2188	2436	48.7	51.3	25-55
4	4.75 mm	2285	4721	94.4	5.6	0-10
5	Pan	279	5000	100	0	-

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

CIVIL Pro BANGALORE

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by TapScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No : TC-9548

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2022-10-13-08 Date: 13-04-22

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	8.9	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	11.4	
3	Specific Gravity	2.62	-
4	Bulk Density(Loose) (Kg/l)	1.42	-
5	Bulk Density(Compacted) (Kg/l)	1.48	-
6	Water Absorption(%)	0.35	-
7	Aggregate crushing Value(%)	24.8	Max 30% for Aggregates to be used in concrete for wearing Surface. In case Aggregate Crushing Value Exceeds 30% then the test for ten percent fines should be conducted for Aggregates to be used in concrete other than for wearing Surface.
8	Aggregate Impact Value(%)	25.1	30% for Aggregates to be used in concrete for wearing Surface, 45% for Aggregates to be used in concrete other than for wearing Surface.

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

CIVIL Pro BANGALORE

FOR CIVIL Pro.

R RUDRAPRASAD
Authorized Signatory
Technical Manager

End of Report

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Scanned by TapScanner

FORM OF PROPOSAL FOR GRANTING EXTENSION OF TIME

CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TP/01

TEST REPORT OF FINE AGGREGATE

Lab ID	:	**CP-2022-10-13-08**	**Date: 13-04-22**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.	
Address	:	Project Sub Division, BBMP, Bangalore.	
Project Name	:	Providing of Ladies Toilet in Govt School in Doddabommasandra in Ward No.10	
Agency	:	Sri. M C Adarsh, #2/427, 8th Main, 17th Cross, Agrahara Dasarahalli, Basaveshwaranagara, Bangalore-79	
Customer's Reference	:	EE(Project)/Ynk Zone/WO/137/2020-21	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	11-04-22	
Sample Type	:	Fine Aggregate	
Reference to BIS codes	:	IS 383 : 2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1, 3) RA2021 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption	
Date of test	:	11-04-22	
Total weight taken	:	1000 grams	

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	21	21	2.1	97.9	90-100	90-100	90-100	95-100
3	2.36 mm	185	206	20.6	79.4	60-95	75-100	85-100	95-100
4	1.18 mm	211	417	41.7	58.3	30-70	55-90	75-100	90-100
5	600 micron	158	575	57.5	42.5	15-34	35-59	60-79	80-100
6	300 micron	236	811	81.1	18.9	5-20	8-30	12-40	15-50
7	150 micron	146	957	95.7	4.3	0-10	0-10	0-10	0-15
8	Pan	43	1000	100.0	0.0	---	---	---	---

Result :The tested Sample Conforms to Grading Zone II

CIVIL Pro Sig Date BANGALORE

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT OF FINE AGGREGATE

Lab ID : **CP-2022-10-13-08**

Date: 13-04-22

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.42	–
2	Specific Gravity	2.53	–
3	Material finer than 75 micron(%)	3.9	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

FOR CIVIL Pro.

R RUDRAPRASAD
Authorized Signatory
Technical Manager

CIVIL Pro BANGALORE Sig. Date

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

FORM OF PROPOSAL FOR GRANTING EXTENSION OF [illegible]

CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No : TC-5548

Format No: CP/TF/01

TEST RESULTS OF STEEL

Lab ID	:	CP-2022-10-13-08
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Providing of Ladies Toilet in Govt School in Doddabommasandra in Ward No.16
Agency	:	Sri. M C Adarsh, #2/427, 8th Main, 17th Cross, Agrahara Dasarahalli, Basaveshwaranagara, Bangalore-79
Customer's Reference	:	EE(Project)/Ynk Zone/WO/137/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	11-04-22
Sample Type	:	Sunvik
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2019.
Date of test	:	12-04-22

Date: 13-04-22

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar (mm)	Weight of the sample (kg/m)	Yield stress (N/mm2)	Tensile strength (N/mm2)	Elongation (%)	Bend test	Rebend test
1	Sunvik	Fe500	8	0.391	512	652	20.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.616	528	672	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.888	544	668	20.0%	Satisfactory	Satisfactory
4	Sunvik	Fe500	16	1.581	572	674	19.0%	Satisfactory	Satisfactory
5	Sunvik	Fe500	20	2.476	584	693	19.0%	Satisfactory	Satisfactory

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

FOR CIVIL Pro.

R RUDRAPRASAD
Authorized Signatory
Technical Manager

CIVIL Pro BANGALORE
Sig
Date

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No : TC-1048

Format No: CP/TC/02

TEST REPORT OF PHYSICAL REQUIREMENTS OF BRICKS

Lab ID	:	CP-2022-10-13-08 Date: 02-05-22
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Providing of Ladies Toilet in Govt School in Doddabommasandra in Ward No.30
Agency	:	Sri. M C Adarsh, #2/427, 8th Main, 17th Cross, Agrahara Dasarahalli, Basaveshwaranagara, Bangalore-79
Customer's Reference	:	EE(Project)/Yak Zone/WO/137/2020-21
Source of sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	20-04-22
Identification Mark on Brick	:	Wire Cut Brick
Reference to BIS codes	:	IS 1077 : 1992 (RA 2021) Common Burnt Clay Building Bricks-Specification IS 3495 (Part 1 to 3) : 1992(RA 2019) Method of Tests Burnt Clay Building Bricks Part 1:Determination of Compressive Strength, (Cl 4.2.3) Part 2:Determination of Water Absorption,(Cl 4.1.3) Part 3: Determination of Efflorescence, (Cl 4)
Date of test	:	25-04-22

COMPRESSIVE STRENGTH

Sl.No.	Length (mm)	Breadth (mm)	Area (mm^2)	Failure Load (KN)	Compressive strength of individual bricks (N/mm^2)	Acceptability as per IS 1077:1992, Clause 7.1
1	228.15	109.98	25092	206.7	8.2	The bricks shall have a minimum average compressive strength for various classes as given in Table 1 of IS 1077: 1992. The compressive strength of any individual bricks shall not fall below the minimum compressive strength specified for the corresponding class of brick by more than 15%.
2	228.69	108.62	24840	197.6	8.0	
3	231.01	107.99	24947	201.3	8.1	
4	230.11	107.54	24746	199.5	8.1	
5	228.16	106.98	24409	194.6	8.0	
Average of 5 bricks					8.1	

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Lab ID

: CP-2022-10-13-08

Date: 02-05-22

WATER ABSORPTION:

Sl.No.	Dry Weight	Wet Weight	Water Absorption(%)	Acceptablity as per IS 1077:1992, Clause 7.2
1	2.975	3.265	9.7	The water Absorption of bricks shall not be more than 20% by weight upto class 12.5 and 15% by weight for higher classes.
2	2.868	3.176	10.7	
3	2.906	3.196	10.0	
4	2.976	3.273	10.0	
5	2.875	3.218	11.9	
Average Water Absorption(%)			10.5	

EFFLORESCENCE:

Sl.No.	Length (mm)	Breadth (mm)	Area (mm^2)	Efflorescence	Acceptablity as per IS 1077:1992, Clause 7.3
1	229.18	108.98	24976	Slight	The efflorescence shall not be more than "moderate" upto class 12.5 and "slight" for higer classes.
2	228.98	109.18	25000	Moderate	
3	228.18	108.39	24732	Slight	
4	230.19	107.98	24856	Moderate	
5	228.13	109.19	24910	Slight	

DIMENSIONS AND TOLERANCES

Sl.No.	Dimensions obtained for 20 bricks(mm)		Acceptability as per IS 1077:1992, Clause 6.2(b)
1	Length	4610	4520 to 4680 mm
2	Width	2185	2160 to 2240 mm
3	Height	1380	1360 to 1440 mm

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested

All information furnished by Customer Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part

Samples will be disposed after 30 days from the date of issue of test certificate

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

FOR CIVIL Pro.

R RUDRAPRASAD
Authorized Signatory
Technical Manager

M : 9972924328 | Tel : +91 80 23444801 | e : rechan8630@yahoo.co.in, civilproexperts@gmail.com

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

FORM OF PROPOSAL [illegible]

CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017

4, 7TH MAIN MALLESWARAM, BANGALORE -3 [illegible]

[illegible]

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2022-10-13-08	Date: 28/04/2022
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.	
Address	:	Project Sub Division, BBMP, Bangalore.	
Project Name	:	Providing of Ladies Toilet in Govt School in Doddabommasandra in Ward No.16	
Agency	:	Sri. M.C. Adarsh, #2/423, 8th Main, 17th Cross, Agrahara Dasarahalli, Peenya Industrial Area, Bangalore-58	
Customer's Reference	:	UE/Project/Yelk Zone/WO/137/2020-21	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	23-08-22	
Customer ID	:	Footing Concrete	
Sample Type /Size	:	150X150X150 mm	
Sample grade/Age	:	M25 / 7 Days Compressive Strength	
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete CL3	
Date of test	:	28/04/2022	

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the specimen (Kg)	Failure Load (KN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
1	Footing Concrete	M25	21/04/2022	28/04/2022	150.17 X 150.48 X 150.30				35.8	35.6
2	Footing Concrete	M25	21/04/2022	28/04/2022	151.33 X 150.27 X 149.93	22702	8.650	805.9	35.5	
3	Footing Concrete	M25	21/04/2022	28/04/2022	150.88 X 149.19 X 150.50	22498	8.569	814.3	35.9	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part

Samples will be disposed after 30 days from the date of issue of test certificate

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

FOR CIVIL Pro

R RUDRAPRASAD
Authorised Signatory
Technical Manager

M : 9972934938 | Tel : +91 80 23444801 | e : [illegible]

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

FORM OF PROPOSAL FOR ...

CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No : TC-5948

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2022-10-13-08
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Providing of Ladies Toilet in Govt School in Doddabommasandra in Ward No.10
Agency	:	Sri. M C Adarsh, #2/427, 8th Main, 17th Cross, Agrahara Dasarahalli, Basaveshwaranagara, Bangalore-79
Customer's Reference	:	EE(Project)/Ynk Zone/WO/137/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	23-04-22
Customer ID	:	Footing Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	19/05/2022

Date: 19/05/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(kN)	(N/mm^2)	(N/mm^2)
1	Footing Concrete	M25	21/04/2022	19/05/2022	149.33 X 150.53 X 151.60	22478	8.691	617.7	27.5	27.4
2	Footing Concrete	M25	21/04/2022	19/05/2022	150.56 X 150.61 X 149.61	22675	8.496	594.8	26.2	
3	Footing Concrete	M25	21/04/2022	19/05/2022	149.97 X 150.74 X 149.24	22607	8.229	644.2	28.5	

* The results obtained are satisfactory as per standard requirements

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

CIVIL Pro BANGALORE

FOR CIVIL Pro.

R RUDRAPRASAD
Authorized Signatory
Technical Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Scanned by TapScanner

CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5543

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2022-10-13-08**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Providing of Ladies Toilet in Govt School in Doddabommasandra in Ward No.10
Agency	:	Sri. M C Adarsh, #2/427, 8th Main, 17th Cross, Agrahara Dasarahalli, Basaveshwaranagara, Bangalore-79
Customer's Reference	:	EE(Project)/Ynk Zone/WO/137/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	02-05-22
Customer ID	:	Column Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	07/05/2022

Date: 07/05/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Column Concrete	M25	30/04/2022	07/05/2022	151.26 X 151.73 X 150.69	22952	8.915	533.3	23.2	22.6
2	Column Concrete	M25	30/04/2022	07/05/2022	151.02 X 151.69 X 150.64	22908	8.380	510.2	22.3	
3	Column Concrete	M25	30/04/2022	07/05/2022	150.49 X 149.75 X 150.25	22537	8.447	501.9	22.3	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

CIVIL Pro BANGALORE

FOR CIVIL Pro.

R RUDRAPRASAD
Authorized Signatory
Technical Manager

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2022-10-13-08 **Date: 28/05/2022**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Providing of Ladies Toilet in Govt School in Doddabommasandra in Ward No.10
Agency	:	Sri. M C Adarsh, #2/427, 8th Main, 17th Cross, Agrahara Dasarahalli, Basaveshwaranagara, Bangalore-79
Customer's Reference	:	EE(Project)/Ynk Zone/WO/137/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	02-05-22
Customer ID	:	Column Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	28/05/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Column Concrete	M25	30/04/2022	28/05/2022	149.69 X 151.48 X 149.15	22675	9.082	617.9	27.2	27.4
2	Column Concrete	M25	30/04/2022	28/05/2022	150.76 X 149.36 X 149.15	22518	8.720	605.6	26.9	
3	Column Concrete	M25	30/04/2022	28/05/2022	150.31 X 149.65 X 150.80	22493	8.885	631.4	28.1	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

CIVIL Pro BANGALORE Date

FOR CIVIL Pro.

R RUDRAPRASAD
Authorized Signatory
Technical Manager

*****End of Report*****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by TapScanner

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2022-10-13-08
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Providing of Ladies Toilet in Govt School in Doddabommasandra in Ward No.10
Agency	:	Sri. M C Adarsh, #2/427, 8th Main, 17th Cross, Agrahara Dasarahalli, Basaveshwaranagara, Bangalore-79
Customer's Reference	:	EE(Project)/Ynk Zone/WO/137/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-05-22
Customer ID	:	Lintel Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	21/05/2022

Date: 21/05/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Lintel Concrete	M25	14/05/2022	21/05/2022	151.33 X 151.39 X 150.14	22910	8.325	536.3	23.4	23.0
2	Lintel Concrete	M25	14/05/2022	21/05/2022	151.97 X 149.74 X 150.01	22756	8.255	517.2	22.7	
3	Lintel Concrete	M25	14/05/2022	21/05/2022	150.49 X 150.23 X 150.28	22608	8.916	516.4	22.8	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.
R RUDRAPRASAD
Authorized Signatory
Technical Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Scanned by TapScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TT/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2022-10-13-08
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Providing of Ladies Toilet in Govt School in Doddabommasandra in Ward No.10
Agency	:	Sri. M C Adarsh, #2/427, 8th Main, 17th Cross, Agrahara Dasarahalli, Basaveshwaranagara, Bangalore-79
Customer's Reference	:	EE(Project)/Ynk Zone/WO/137/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-05-22
Customer ID	:	Lintel Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	11/06/2022

Date: 11/06/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Lintel Concrete	M25	14/05/2022	11/06/2022	150.15 X 149.94 X 149.39	22514	8.124	628.9	27.9	27.6
2	Lintel Concrete	M25	14/05/2022	11/06/2022	149.54 X 151.25 X 151.79	22618	8.699	599.1	26.5	
3	Lintel Concrete	M25	14/05/2022	11/06/2022	149.09 X 149.94 X 150.80	22354	8.962	634.1	28.4	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

CIVIL Pro BANGALORE Sig Date

FOR CIVIL Pro.

R RUDRAPRASAD
Authorized Signatory
Technical Manager

Page 1/1
End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by TapScanner

CIVIL PRO

AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 04/06/2022

Lab ID	:	**CP-2022-10-13-08**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Providing of Ladies Toilet in Govt School in Doddabommasandra in Ward No.10
Agency	:	Sri. M C Adarsh, #2/427, 8th Main, 17th Cross, Agrahara Dasarahalli, Basaveshwaranagara, Bangalore-79
Customer's Reference	:	EE(Project)/Ynk Zone/WO/137/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	30-05-22
Customer ID	:	Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/06/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Slab Concrete	M20	28/05/2022	04/06/2022	150.39 X 149.68 X 151.72	22509	8.728	417.4	18.5	18.6
2	Slab Concrete	M20	28/05/2022	04/06/2022	149.07 X 151.42 X 150.01	22572	8.670	426.1	18.9	
3	Slab Concrete	M20	28/05/2022	04/06/2022	150.62 X 150.75 X 150.86	22706	8.993	418.9	18.4	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

CIVIL Pro BANGALORE

FOR CIVIL Pro.

R RI DRAPRASAD
Authorized Signatory
Technical Manager

End of Report

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by TapScanner